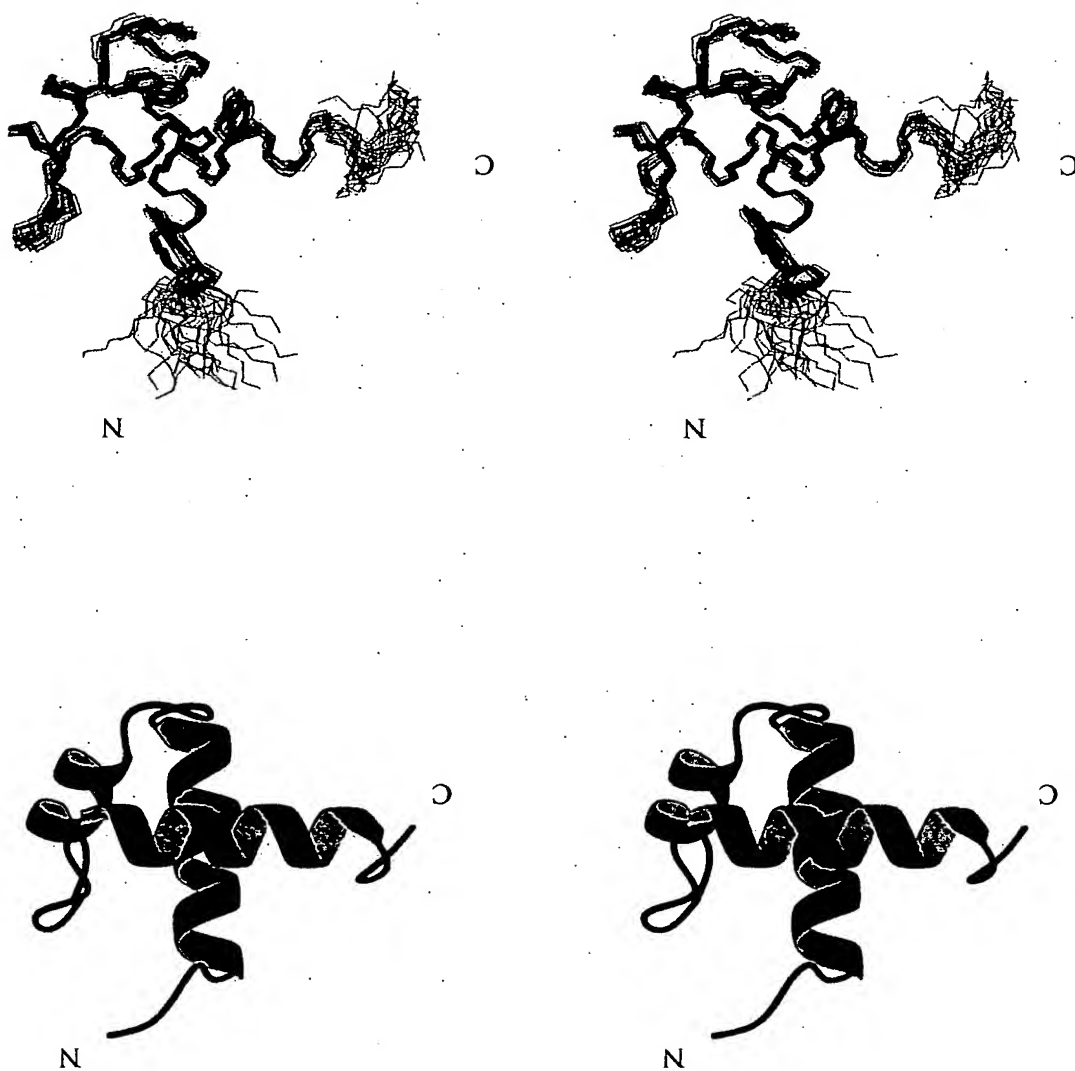


Fig. 1(a)

<i>hTRF1</i>	(378)	RKRQAWLWEEDKNLRSQWRRKYG-----EGNNWSKTLHKKFNRRTSVMTKDRWRTMKT---
<i>hTRF2</i>	(445)	TKKQKMTVEESEMWKAGWKQYG-----EGNNWAAISKNPFPVNRATAVMKDRWRTMKT---
<i>spTaz1</i>	(556)	RTRRKMTEDEENELEYEMISQHG-----CCWSKTIHIQK-(8)-FGPTQTKDKARLIKAR---
<i>spTBF1</i>	(407)	KAKRTWSKEEEEAIVEGLKEVG-----PSWSKTLDLYG----TQVQTKDKARNWKLIQ---
<i>RTBP</i>	(532)	RIRRPETVAEVELVEAWEHLG-----TGRWRDVKERAF-(6)-TYVDLTKDKMKTLVHT---
<i>scRap1p D1</i>	(360)	--KASFTDEDEFLLDVWRKNP---(5)---HTLWDELISHYP--NHTGNSIRHREVRVYLSK---
<i>scRap1p D2</i>	(446)	--KRKESADEDYTLAIAWKKOF---(56)---AREFEKFEAEHA-AHTENAWRDRERKFLLAYG-
<i>hKap1</i>	(132)	-GRIATTDADDVALITYWKENA---(8)---NALWKAWEKSSLT-QHSWOSTKDRWLLKHLRG---
<i>spRap1</i>	(132)	-KRELFTLEDEKILIDHWKND---(5)---TKVVEELTARKYP--QHSLESWRQHWKYMKKR---
<i>c-Myb R1</i>	(38)	LGKTRMTREDEKELKKLWEONG-----TDDMKVLIANYLP--NRTDVQGOHRWOKVLP---
<i>c-Myb R2</i>	(90)	LIKGPMTKEEDORWIELWOKYG-----PKRWSVLAHLK--GRIGKQGREFWHNNHLP---
<i>c-Myb R3</i>	(142)	VKKTSTTEEDRILYQAEKRLG-----NRWAEELAKLLP--GRTDNATKNHWNSTMR---

Fig. 1 (b)

Fig. 2 (a)



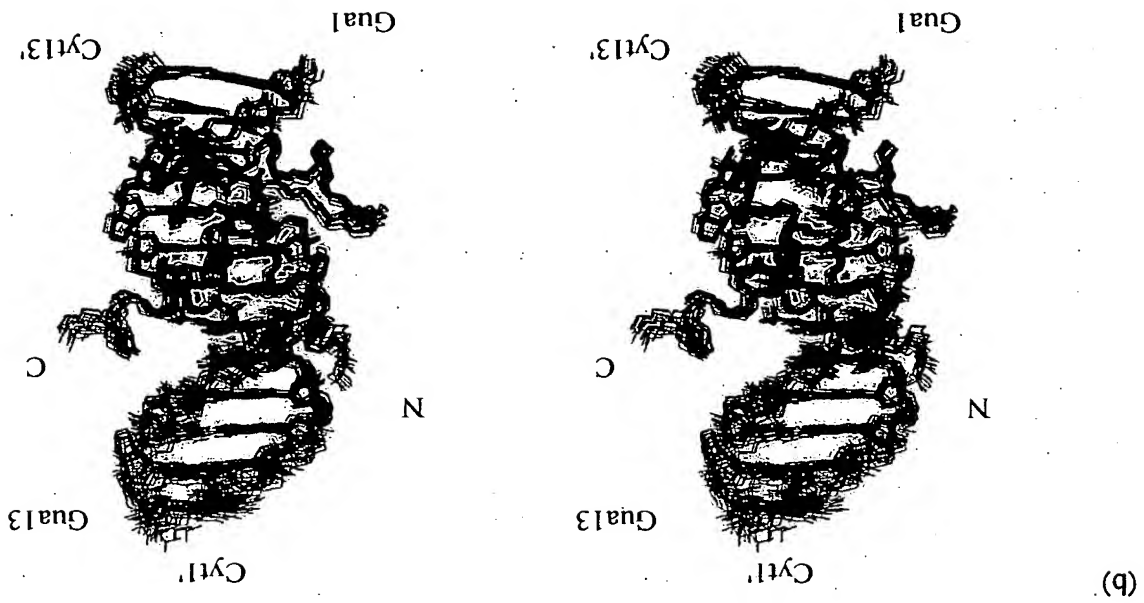
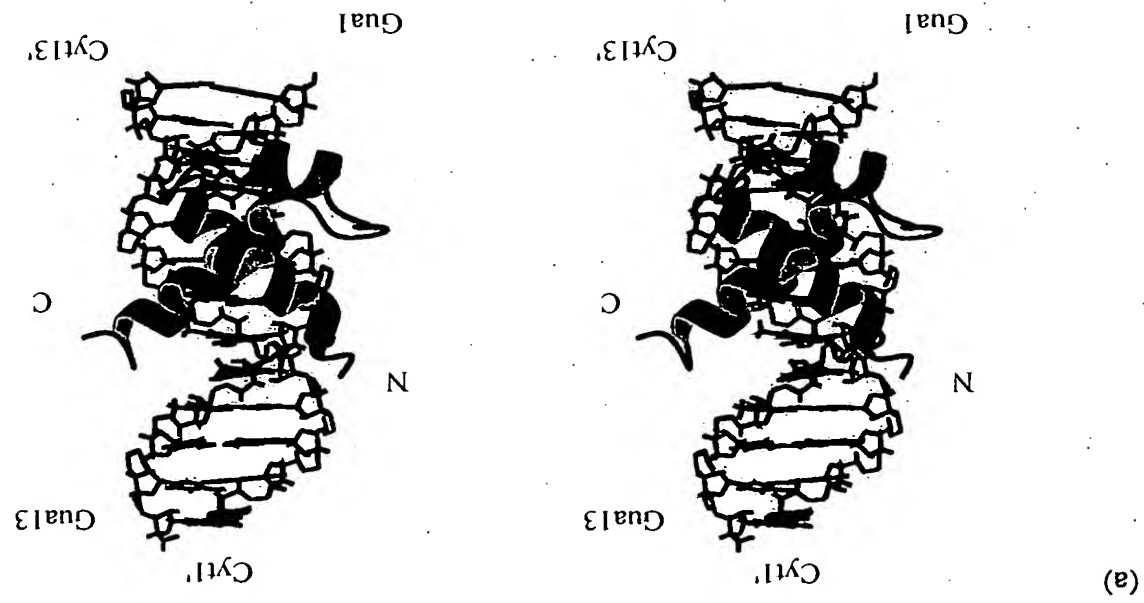
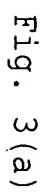


Fig. 2 (b)

hTRF2-DNA Complex



hTRF1-DNA Complex



hTRF2-DNA Complex

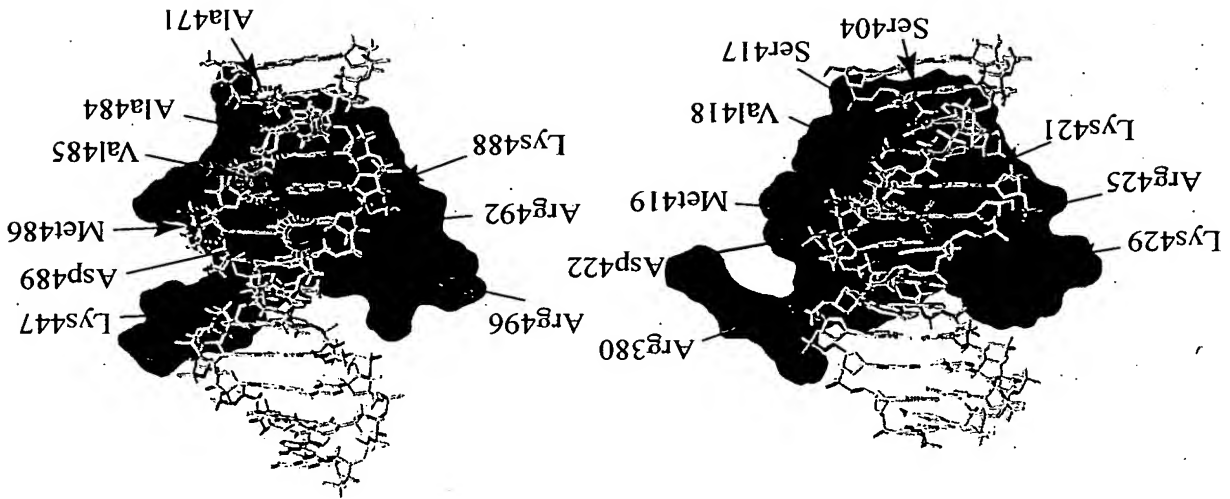
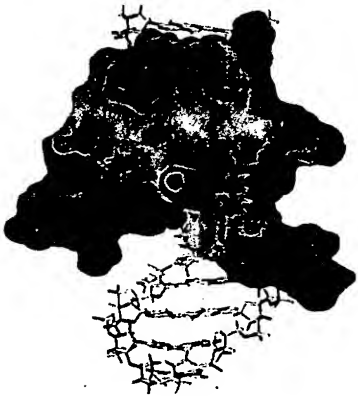


Fig. 3 (b)

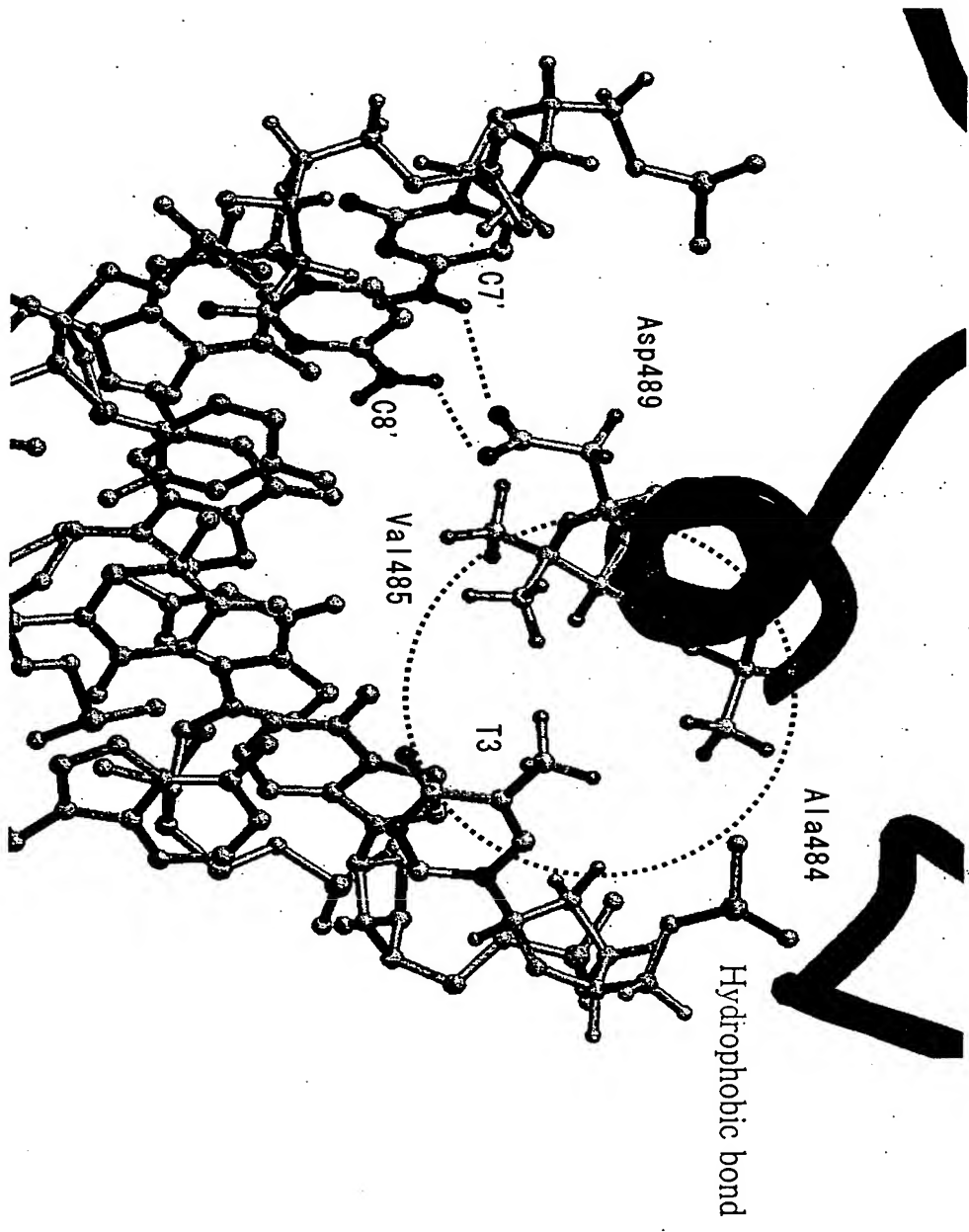
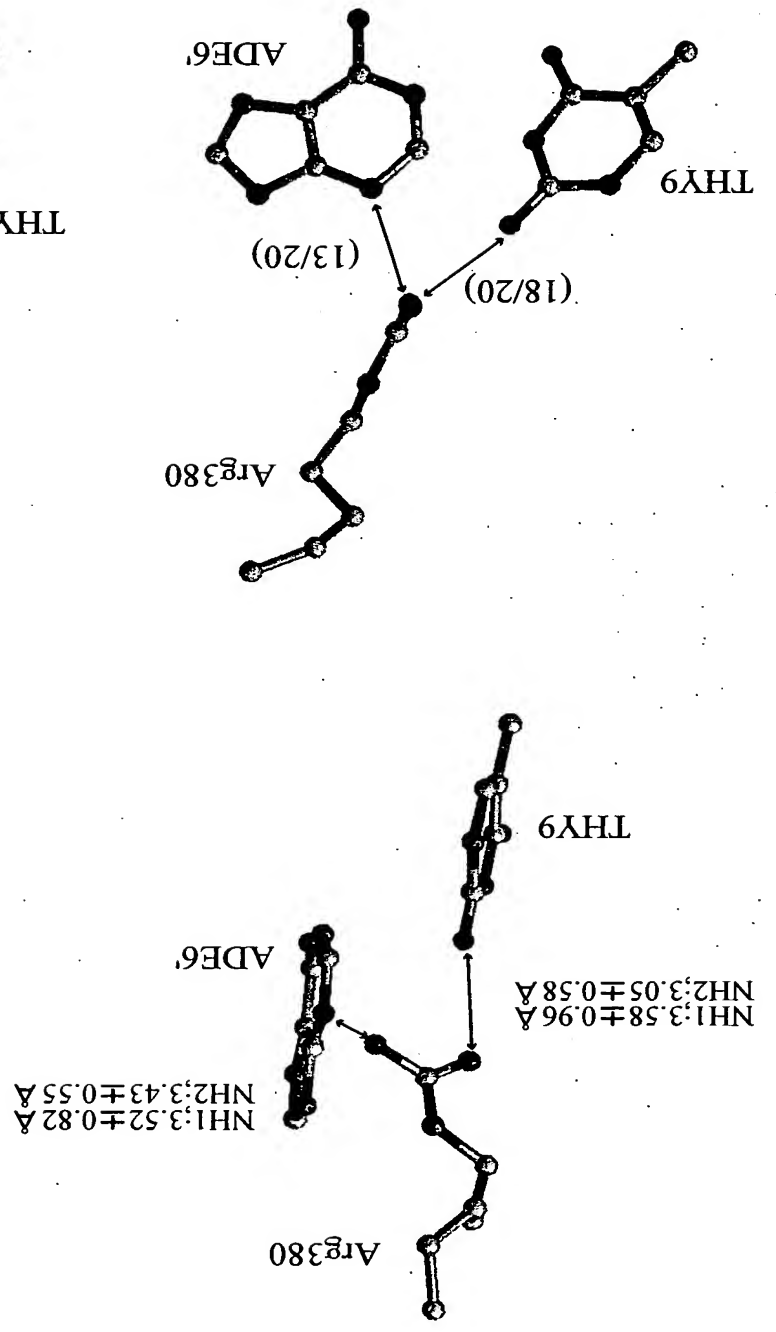


Fig. 4

hTRF1



hTRF2

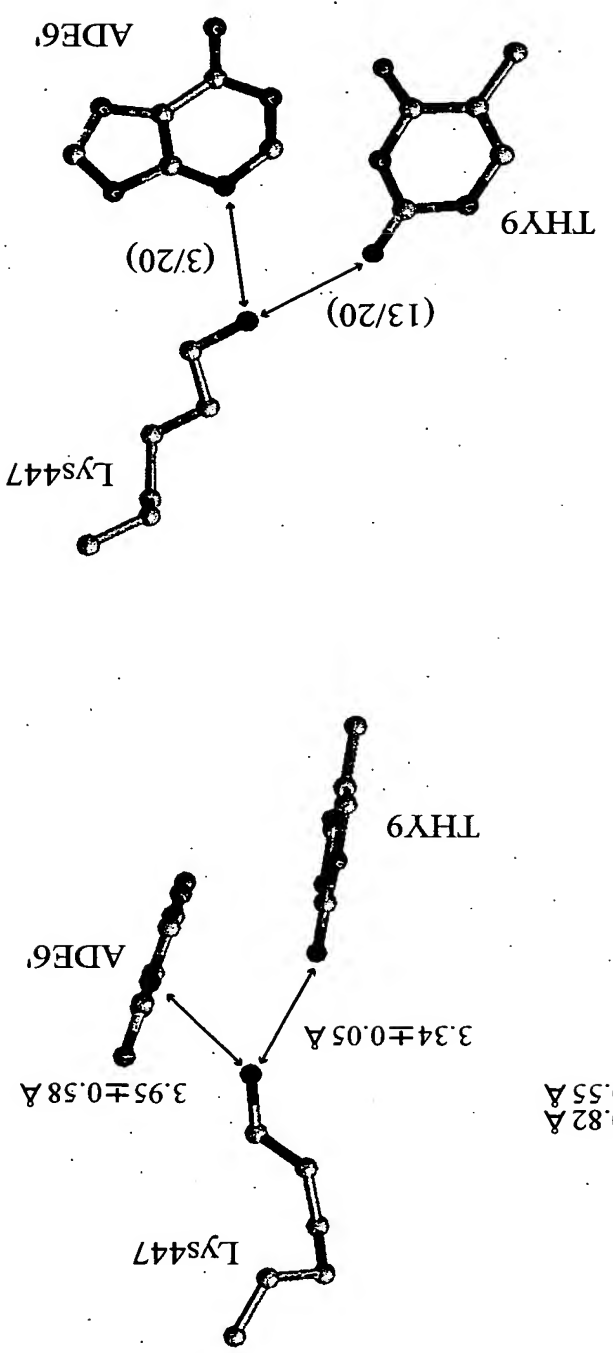
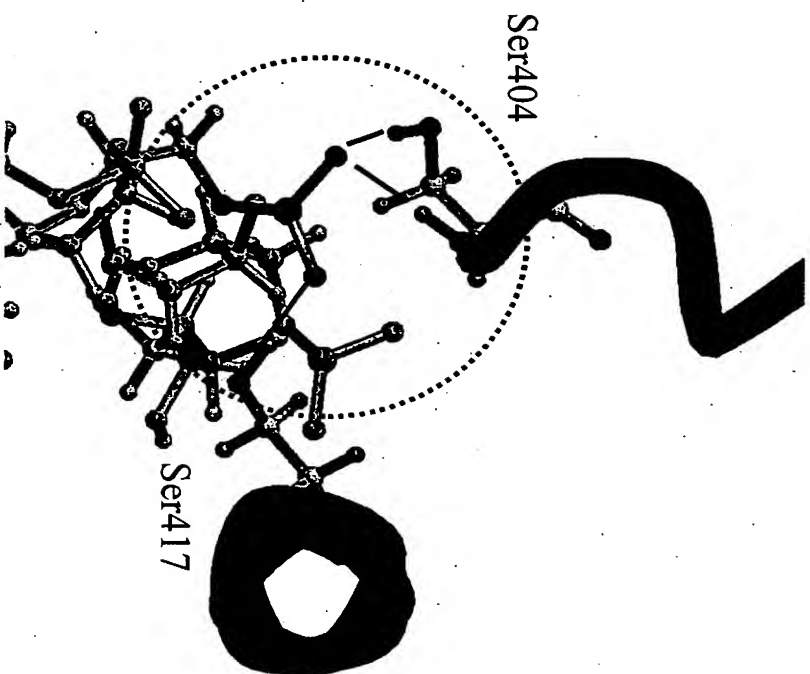


Fig. 5 (a)

hTRF1



hTRF2

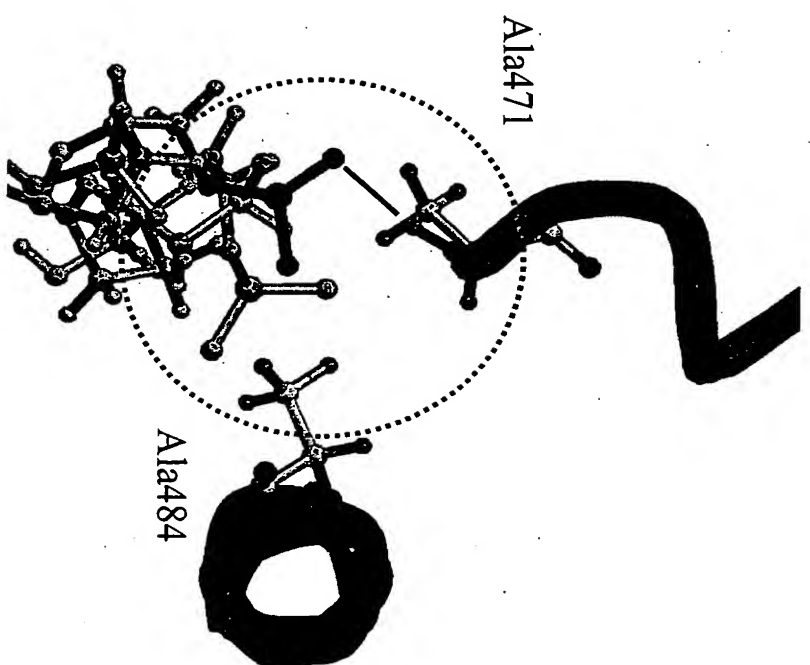


Fig. 5(b)

hTRF2 wild type

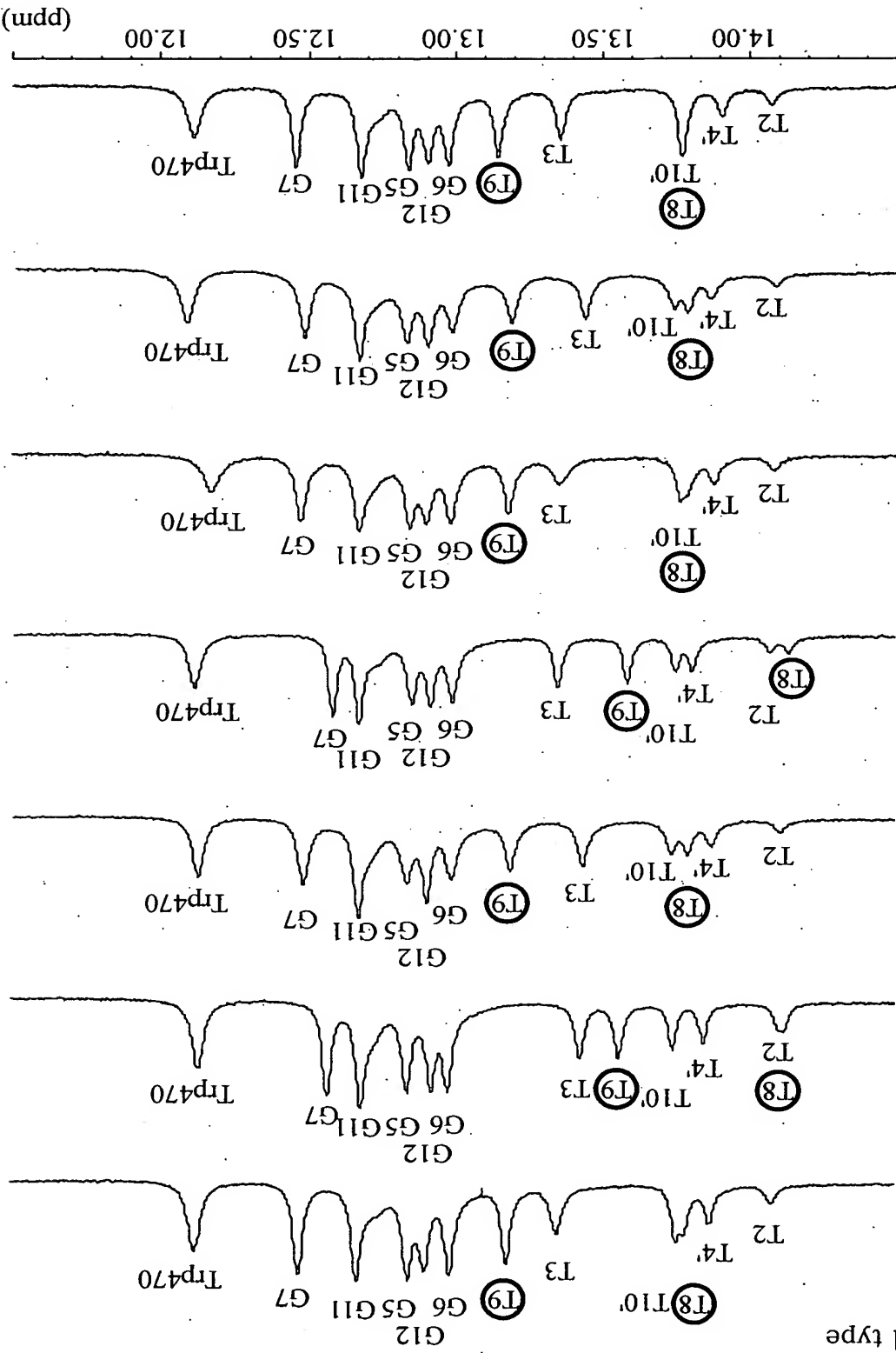
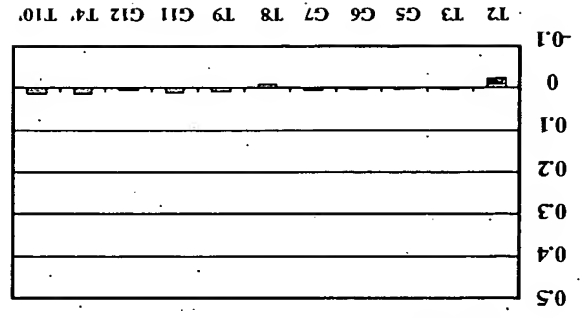
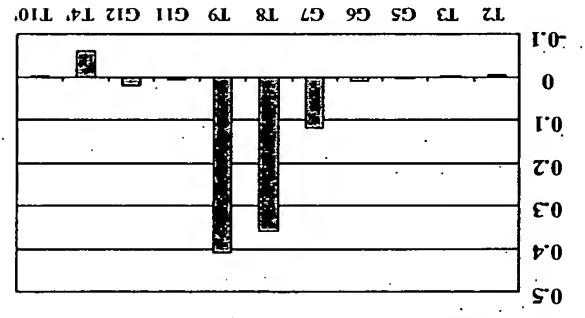


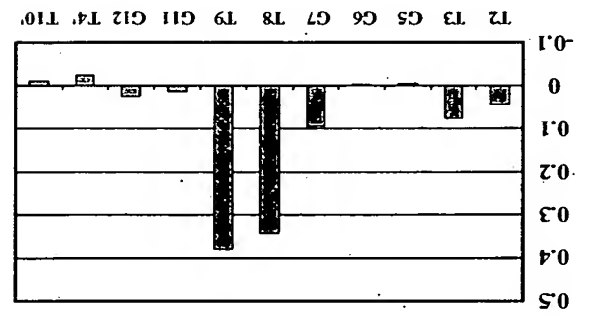
Fig. 6 (a)



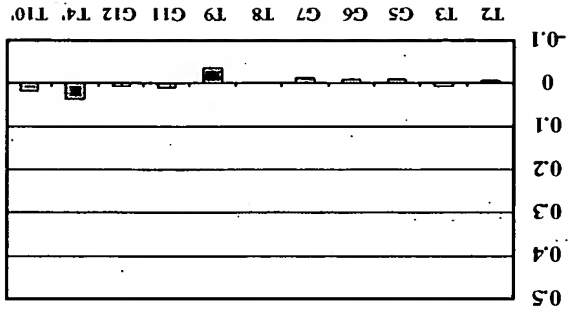
A471S



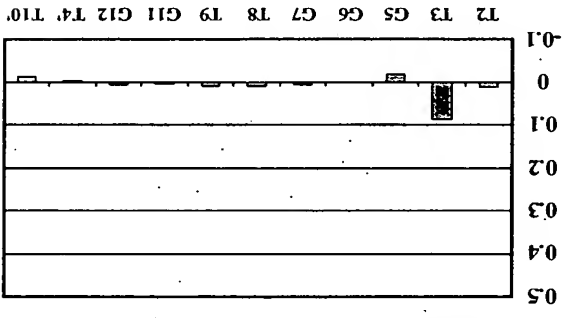
K447R



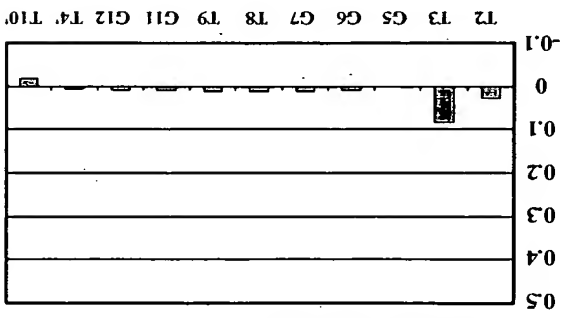
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R496K



A484S



dm:A471S,A484S

Fig. 6 (b)

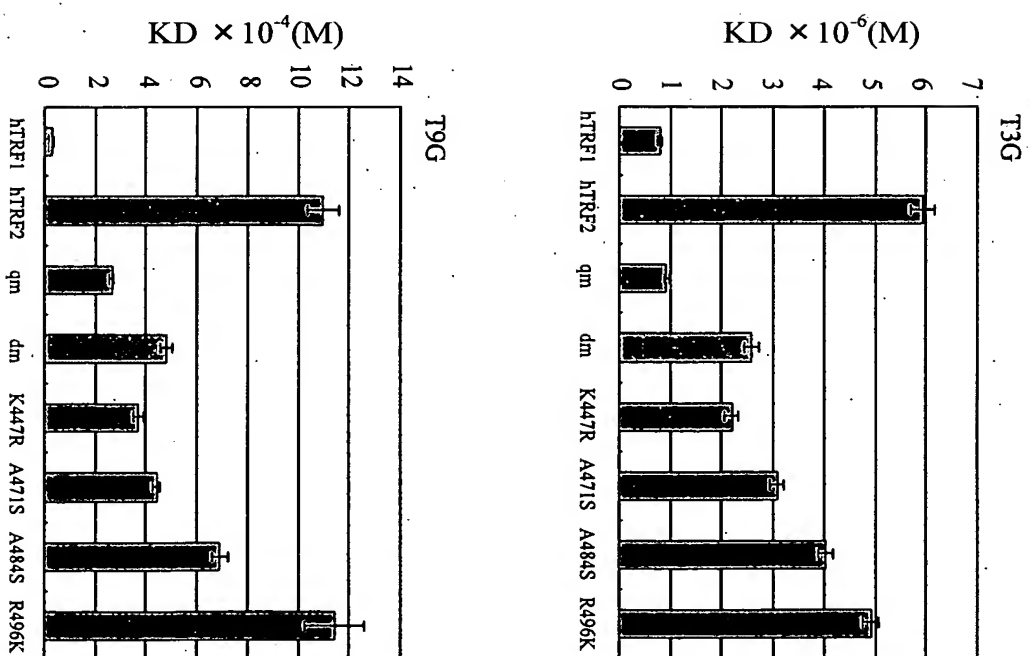
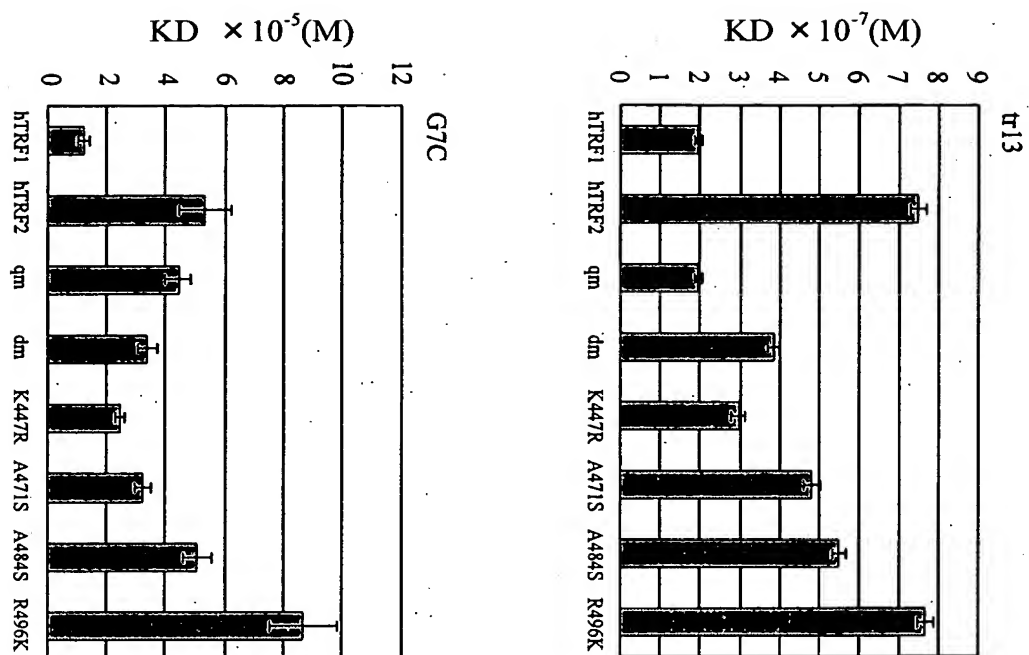


Fig. 7

EKRPATFSSSEQLARKRENNEN---RYLTERRRQOLSSELG-----LNEAQIKIWEFQNRRAKTKKS
 QRSSTFSSASQIDELERAFERT---QYPDITYREELAQNTN-----LTERAIQIWEFQNRRAKTKOHTSVS
 VRRYTAETRDQIGLEKEFYKE---NYVSRRRCLELAQIN-----LPESTIKIWEFQNRRAKDKRQR
 RKRGRQNTYRYQTLEKEFHFN---RYLTRRRRIETAAHLS-----LTERQIKIWEFQNRRAKWKKENKTGEPG
 SKRTQNTYRYQTLEKEFHFN---RYLTRRRRIETAAHLS-----LTERQIKIWEFQNRRAKWKCKDRTLDSSPEH
 KRRGVLTAKQTYELERFRFQQ---RYSAPEREHLASLIR-----LTPQVKIWEFQNRHYKTKRAQNEKGYEGHP
 GRNVEFKGSPASQOILFQAYERQ---KNPSKEERETLWECNRAECIQRGVSPSQAGIGSNMVLTEVRYVYWEFANRRKEEAFRHKLAMDYKLN
 RRRKRVLESQAVYELERFRFQQ---KYLAPEREHLASMIH-----LTPQVKIWEFQNRHYKMKRQAKDKAAQO
 KRRRTTISIAAKDALEHHEGEH---SKPSSQELMWAELN-----LEKEVRIWEFQNRROREKRVK
 NRRKETPTTAQILAEERKFRQK---QYLSIAERAEFSSLS-----LTERQVKIWEFQNRRAKAKRL
 SPKGSSSISPOARAFLEEVERRK---QSLNSKEKEVAKKG-----LTPQVKIWEFQNRKMRBSK
 KPYRGHRTKENVRILSWFAKNINPYLDTGLENEMKNTS-----LSRIQIKIWEFQNRNRKREKTIITIAPELADLSEP
 TTRVETVINEKQHLHTRCTPAN---PRPDALMKEQLMENTG-----LSPVIRIWEFQNRCKDKKRSIMK
 RRRQTSLETNIRVALEKSELEN---QKPTSEEITMTADQIN-----MEKEVIRIWEFQNRROKEKRINP
 RRRQTSLETNIRVALEKSELEN---QKPTSEEITMTADQIN-----MEKEVIRIWEFQNRROKEKRINPCS
 RRRQTSLETNIRVALEKSELEN---QKPTSEEITMTADQIN-----MEKEVIRIWEFQNRROKEKRINPCS
 PSGLTNETTTRQLEKEFHFN---KYLSPARVEIAPALE-----LNEQVKIWEFQNRPMKQKKRERE
 ARRGGRNENKQATEILNEYVYSHLSNPYPSEAKELAKCG-----LTVSQVSWFEGNKRIRYKKNIGKFOEEANIYAA

Engrailed homeodomain
 Paired homeodomain
 Eve HD
 Antp HD
 Fushi tarazu homeodomain
 VND-NK2
 LFB1/HFN1 factor
 Thyroid transcription factor
 Pit-1
 MSX-1
 MATA1
 MAT α 2
 Ins
 OCT-1
 OCT-2
 OCT-4
 HOX-B1
 pbx-1



Fig. 8